ABSTRACT OF THE DISCLOSURE

Upon transmission of compressed code data for respective printing color components from an information processing apparatus such as a host

5   computer to a printing apparatus, a reception buffer memory of the printing apparatus can be effectively utilized. For this purpose, a printer driver repetitively receives drawing data regarding printing from higher processing and performs drawing. When an

10   end of page command has been received, the drawn image data is converted to printing color component data, and a ratio of data amounts for the respective printing color components is notified to the printing apparatus based on predicted code amounts upon compression of the

15   image data for the respective printing color components, such that the printing apparatus determines ring buffer sizes of the reception buffer memory allocated for respective color components. Then, the code data for the respective printing color components is outputted.

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